

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A ~~apparatus~~system comprising:
~~a wireless communication module to communicate a portable device coupled with~~
~~an access device a plurality of access devices and a plurality of remote~~
~~electronic devices; the portable device having~~
~~a switch to select an access device from the plurality of access devices to~~
~~be emulated at the portable device when the portable device is~~
~~within a wireless communication range of one or more of the~~
~~plurality of access devices,~~
~~an embedded system to emulate the access device selected from the~~
~~plurality access devices, the emulating of the selected access~~
~~device including emulating data as displayed on the access device,~~
~~a data-storage module-system to store the emulation-emulated data-used by~~
~~a portable electronic device to emulate the plurality of remote~~
~~electronic devices; and~~
~~a switch to select a remote electronic device from the plurality of remote~~
~~electronic devices for the portable electronic device to emulate; and~~
~~the selected access device having a wireless connection system to establish a~~
~~wireless connection with the portable device, and communicate data to be~~
~~emulated to the portable device.~~
~~a controller to~~
~~control the communication of the emulation data to the access device and~~
~~the selected remote electronic device, and~~

~~emulate the selected remote electronic device, wherein the emulating~~
~~comprises the portable electronic device possessing functionality~~
~~of the selected remote electronic device.~~

2. (Currently Amended) ~~The apparatus of Claim 1~~ system of claim 1, wherein the ~~data storage module stores display data, the portable electronic device being configured to communicate the display data to the access device to provide~~ emulating of the data comprises emulating a display layout on the portable device that simulates ~~the~~ a physical appearance of the selected ~~remote electronic access~~ device.
3. (Currently Amended) ~~The apparatus of Claim 1~~ system of claim 1, wherein the ~~controller causes the portable electronic device~~ is further to simultaneously emulate multiple ~~remote electronic access~~ devices ~~from of~~ the plurality of ~~remote electronic device devices~~.
4. (Currently Amended) ~~The apparatus of Claim 2~~ system of claim 1, wherein the ~~display layout includes function buttons that resemble function buttons on the selected remote electronic device in appearance and which, when activated by a pointing device, cause the portable electronic device~~ emulating of the data comprises to execute similar executing functions on the access device via the ~~to the function buttons on the selected remote electronic portable device.~~
5. (Cancelled)

6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Currently Amended) ~~The apparatus of Claim 8~~ system of claim 1, wherein the ~~plurality of remote electronic portable~~ device comprises one or more ~~of: of~~ an MP3 player, a personal digital assistant (PDA), an electronic book, a dictionary, a calculator, a cellular telephone, a calorie counter, a game playing device, and a smart card.
10. (Currently Amended) ~~The apparatus of Claim 7~~ system of claim 1, wherein the portable ~~electronic device determines if~~ is further to determine whether the access device ~~has the output capabilities to provide the functionality of the selected remote electronic device prior to communicating the display is capable of providing the data for emulation and the emulation data to the access device.~~
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Currently Amended) A method comprising:

monitoring when a portable electronic device is within a wireless communication

range of ~~an access device~~ one or more access devices of a plurality of

access device;

~~wirelessly communicating emulation data stored on the portable electronic device~~

~~to the access device and a plurality of remote electronic devices;~~

selecting ~~a remote electronic~~ an access device from the plurality of ~~remote~~

~~electronic~~ access devices for the portable electronic device to ~~emulate~~ be

emulated at the portable device when the portable device is within the

wireless communication range of the one or more of the plurality of access

devices; and

~~emulating the selected remote electronic access device selected from the plurality of access devices, wherein the emulating comprises the portable electronic device possessing functionality of the selected remote electronic device~~
emulating of the selected access device including emulating data as displayed on the access device;
storing the emulated data; and
establishing a wireless connection between the access device and the portable device such that the data at the access device is emulated via the portable device.

21. (Currently Amended) The method of ~~Claim 20~~ claim 20, ~~which includes further comprising communicating display data to the access device to provide~~ providing a display layout at the portable device that simulates the a physical appearance of the selected remote electronic access device.
22. (Cancelled)
23. (Cancelled)
24. (Cancelled)
25. (Currently Amended) The method of ~~Claim 20~~ claim 20, wherein the ~~standard~~ wireless communication protocol is selected from the group including connection between the portable device and the access device is established via one or more of Bluetooth IEEE 802.15, IEEE 802.11a, and IEEE 802.11b.

26. (Currently Amended) The method of ~~Claim 20~~ claim 20, wherein the ~~plurality of remote electronic access~~ device comprises one or more ~~of~~ of an MP3 player, a personal digital assistant (PDA), an electronic book, a dictionary, a calculator, a cellular telephone, a calorie counter, a game playing device, and a smart card.
27. (Currently Amended) The method of ~~Claim 21~~ claim 20, ~~which includes further comprising determining if whether the selected access device has the capability to provide the display layout and output the emulation is capable of emulating the data prior to communicating the display data and emulation data to~~ via the access portable device.
28. (Cancelled)
29. (Currently Amended) A machine-readable medium having ~~stored thereon data representing sets of instructions which, when executed by a machine, cause the a~~ machine to:
- monitor when a portable electronic device is within a wireless communication range of ~~an access device~~ one or more access devices of a plurality of access devices; and
- ~~wirelessly communicate emulation data stored on the portable electronic device to the access device and a plurality of remote electronic devices;~~
- select ~~a remote electronic~~ an access device from the plurality of ~~remote electronic~~ access devices ~~for the portable electronic device to be emulated~~ emulated at

the portable device when the portable device is within the wireless communication range of the one or more of the plurality of access devices;

and

emulate the ~~selected remote electronic access device~~ selected from the plurality of access devices, wherein the ~~emulating~~ comprises the portable electronic device possessing functionality of the selected remote electronic device emulating of the selected access device including emulating data as displayed on the access device

store the emulated data; and

establish a wireless connection between the access device and the portable device

such that the data at the access device is emulated via the portable device.

30. (Currently Amended) The machine-readable medium of ~~Claim 29~~ claim 29, wherein the instructions when further executed, cause the machine to communicating display data to the access device in a wireless fashion, and the display data defining provide a display layout at the portable device that simulates a physical appearance of the selected remote electronic device.

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Currently Amended) The machine-readable medium of ~~Claim 33~~ claim 29, wherein the standard-wireless communication protocol is selected from the group including connection between the portable device and the access device is established via one or more of Bluetooth IEEE 802.15, IEEE 802.11a, and IEEE 802.11b.
35. (Currently Amended) The machine-readable medium of ~~Claim 29~~ claim 29, wherein the ~~plurality of remote electronic access~~ device comprises one or more of: of an MP3 player, a personal digital assistant (PDA), an electronic book, a dictionary, a calculator, a cellular telephone, a calorie counter, a game playing device, and a smart card.
36. (Currently Amended) The machine-readable medium of ~~Claim 30~~ claim 29, wherein the ~~sets of instructions, when~~ when further executed by the machine, further cause the machine to determine if whether the selected access device ~~has the capability to provide the display layout and output the emulation is capable of emulating the data prior to communicating the emulation data to~~ via the access device.
37. (Cancelled)
38. (Cancelled)